



Water Resources Program Application for a Water Right Permit

For Ecology Use
(Date Stamp)

Follow the attached instructions. Attach additional sheets as necessary.

- ☒ GROUND WATER ☐ SURFACE WATER
☒ PERMANENT ☐ SHORT TERM ☐ TEMPORARY
☐ DROUGHT

***A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

Section 1. APPLICANT

Applicant/Business Name: <u>Bonneville Power Administration</u> Att: <u>Jon Malmberg</u> <u>JOE BEBEE</u>	Phone No: 360-619- <u>6325</u> <u>6742</u>	Other No:
Address: <u>7500 NE 41st Street</u> <u>CONSTRUCTION SERVICES BUILDING</u> <u>2401 NE MINNEHAWA STREET</u>		
City: <u>Vancouver</u>	State: WA	Zip: <u>98662</u> <u>98663</u>
Email Address (optional):		

Contact Name (if different from above): <u>Pacific Groundwater Group</u> Att: <u>Jill Van Hulle</u>	Phone No: 360 413-1510	Other No:
Relationship to Applicant: <u>Consultant</u>		
Address: <u>3130 60th Loop SE</u>		
City: <u>Olympia</u>	State: WA	Zip: <u>98501</u>
Email Address (optional): <u>Jill@pgwg.com</u>		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: <u>Bonneville Power Administration</u>	Phone No:	Other No:
Address: <u>Same</u>		
City:	State:	Zip:
Email Address (optional):		

Signatures are required. See page 7.

For Ecology Use	APPLICATION NO: <u>63-30689</u>	SEPA: <u>Exempt</u> Not Exempt
Fee Paid: <u>50.00</u>	Check No:	ECY Coding: 001-001-WR1-0285-000011
Date Returned	By	Priority Date <u>6-25-2013</u> By <u>KT</u> WRIA: <u>55</u>

Section 2. STATEMENT OF INTENT

Do you own the land on which the proposed point of diversion/withdrawal is located? ☒ YES ☐ NO
If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO

Briefly describe the purpose of your proposed project:

Develop an open-loop groundwater heat-pump system. All water will be returned to the source aquifer.

Anticipated length of time to complete your project: 7/1/2013

Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only)		Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
	<input type="checkbox"/> Cubic Feet per Second (CFS)	<input checked="" type="checkbox"/> Gallons per Minute (GPM)		
Heat exchange	200		tbd	Continuously
TOTAL:	200		tbd	

Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? ☐ YES x NO

Is this request for a temporary permit? ☐ YES X NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: ____/____/____ TO: ____/____/____

Section 3. POINT OF DIVERSION OR WITHDRAWAL

(Complete A or B, and C below)

A.) If Surface Water Source	B.) If Ground Water Source
<input type="checkbox"/> Spring <input type="checkbox"/> Creek <input type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____
Source Name: _____	Well diameter & depth: <u>8 inch; 300 feet</u>
Tributary to: _____	Number of proposed points of withdrawal: <u>2 extraction wells and 1 injection well</u>
Number of proposed diversion points: _____	Do you have an existing well? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (but there is another well on the site supplying potable water)
Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO	If available, attach Water Well Report and pump test.
	Well Tag ID No. _____

C.) Point of Diversion/Withdrawal – Legal Description

Parcel No.	1/4	1/4	Section	Township	Range	County
36165.9010	NE	SW	16	26	43E	Spokane
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: _____ Feet (<input type="checkbox"/> North/ <input type="checkbox"/> South) and _____ feet (<input type="checkbox"/> East/ <input type="checkbox"/> West) from the (<input type="checkbox"/> NW <input type="checkbox"/> SW <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> _____) corner of Section_____.						
Parcel No.	1/4	1/4	Section	Township	Range	County
Lot(s)	Block(s)		Subdivision			
If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner: _____ feet (<input type="checkbox"/> North/ <input type="checkbox"/> South) and _____ feet (<input type="checkbox"/> East/ <input type="checkbox"/> West) from the (<input type="checkbox"/> NW <input type="checkbox"/> SW <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> _____) corner of Section_____.						

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

16-26-43 ALL OF SEC EXC BEG AT NW COR OF SEC TH E ALG N LN OF SEC 4834FT TH S1838.3FT TH S45DEG 14MIN W353.6FT TO NLY LN OF GRAVES RD CHG #1782 TH E ALG SD NLY LN 478.5FT TH ON CURVE TO LEFT WITH RAD						
OF 924.9FT A DIST OF 224.6FT TO E LN OF SEC T H S ALG SD E LN 87.1FT TO SLY LN OF SD RD TH W ALG SD SLY LN 2172FT TH S0DEG 14MIN W190FT TH N89DEG 46MIN W3098FT TO W LN OF SEC TH N ALG SD W LN						
2306.10FT TO POB & EXC WWP CO R/W SUBJ TO ESMT TO DEFENSE PLANT CORP ESMTS & EXC P TN LYG SWLY OF NELY LN OF WWP CO R/W & EXC RR R/W TOG W/ PTN DAF: COMMENCING AT NW COR OF SECT 16 TH S00°10'27"W						
2615.36FT TH S00°10'27"W 1651.20FT TH S52°49'18"E 1102.21FT TH S89°15'24"E 202.81FT TO TRUE POB ALSO SLY PT OF HAWTHORNE RD ROW LN TH S89°15'24"E 2014.17FT TH N00°45'39"E 189.94FT TO SLY ROW						
OF HAWTHORNE RD TH N89°15'08"W 1122.48FT TH ALG ROW LN ALG TANGENT CUR TO LEFT WITH RADIUS 1879.86FT THRU C/A 17°31'32" ARC LENGTH 575.01FT TH S73°13'20"W 341.50FT TO POB						
1/4	1/4	Section	Twp.	Range	County	Parcel No.
		16	26	44E	Spokane	36165.9010

Do you own all the lands on which the proposed place of use is located? ☒ YES ☐ NO.

If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO

Provide owner name(s), address, and phone number:

Are there any other water rights or claims associated with this property or water system? ☐ YES ☒ NO

If yes, provide the water right and/or claim numbers:

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source):

We will construct a groundwater heat-pump system that uses two extraction well and one injection well. All water that is withdrawn will be returned to the source aquifer.

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

A.) Domestic Water Systems only	B.) Municipal Water Systems only (defined under RCW 90.03.015)
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ (e.g., home, recreational cabin)	Estimate future population to be served: _____ (20 year projection)
C.) Water System Planning	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, date plan was approved ____/____/____ Water System Number: _____	
Name of water system: _____	
Are you within the service area of an existing water system? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, explain why you are unable to connect to the system:	
<u>The proposed use is for non-contact heat exchange.</u>	

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = _____ ACRES

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

List number and kind of stock:

NA

Is the proposed project for a dairy farm? ☐ YES ☐ NO

Other Proposed Farm Uses

Describe all proposed uses:

NA

Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head _____ and proposed capacity in kilowatts: _____

Describe works:

Indicate all uses to which power is to be applied: _____

FERC License No: _____

Mining/Industrial Use

Describe use, method of supplying and using water:

Other Use

HVAC system

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☐ YES ☒ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☐ NO

Will the water depth be 10 feet or more? ☐ YES ☐ NO

If you answered yes to any of the above questions, please describe:

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.

Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site:

Head east on W. Sprague Ave. towards S. Division Street/US-2, turn right onto S. Pine Street and take the 1st right onto E. 1st Ave, then turn right onto S. Division/US-2 for about 6 miles, take the slight right onto US-2/Newport Hwy, and turn right onto E. Hawthorne Road.

Site Address:

1620 E. Hawthorne Road, Mead, WA

Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

JOE BEBEE - BPA
 Print Name
 (Applicant or authorized representative)

Joe Bebee
 Signature

05/30/13
 Date

JOE BEBEE - BPA
 Print Name
 (Legal Owner or Part Owner Place of Use)

Joe Bebee
 Signature

05/30/13
 Date

 Print Name
 (Legal Owner or Part Owner Place of Use)

 Signature

 Date

Please check the region in which the project is located:

*Submit your application to: DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611	<input type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490	<input checked="" type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input type="checkbox"/> Northwest Regional Office 3190 - 160 th Avenue SE Bellevue, WA 98008-5452 (425) 649-7000	<input type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300

If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872.
 Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.

